



IFW 2154

PTO/SB/21 (02-04)  
Approved for use through 07/31/2006. OMB 0651-0031  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	09/705,675
	Filing Date	November 3, 2000
	First Named Inventor	A. Buchsbaum
	Art Unit	2154
	Examiner Name	J. Chang
	Attorney Docket Number	1999-0507-CIP-1
Total Number of Pages in This Submission		5

ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance communication to Technology Center (TC) <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): 16 cited references
<b>Remarks</b> Total number of pages indicated above does not include the sixteen (16) cited references		
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT		
Firm or Individual name	Law Office of Jeffrey M. Weinick, LLC David W. Herring Reg. No. 51,969	
Signature		
Date	July 26, 2004	

CERTIFICATE OF TRANSMISSION/MAILING			
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.			
Typed or printed name		Risa Garcia	
Signature		Date	July 26, 2004

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PTO/SB/17 (10-03)

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# FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT

(\$ ) 180.00

**Complete if Known**

Application Number	09/705,675
Filing Date	November 3, 2000
First Named Inventor	A. Buchsbaum
Examiner Name	J. Chang
Art Unit	2154
Attorney Docket No.	1999-0507-CIP-1

**METHOD OF PAYMENT (check all that apply)**☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None☒ Deposit Account:Deposit Account Number  
Deposit Account Name

503126

Law Office of Jeffrey M. Weinick, LLC

The Director is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☐ Credit any overpayments☐ Charge any additional fee(s) or any underpayment of fee(s)☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1001 770	2001 385	Utility filing fee	
1002 340	2002 170	Design filing fee	
1003 530	2003 265	Plant filing fee	
1004 770	2004 385	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	

SUBTOTAL (1) (\$ ) 0

**2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

Total Claims	Extra Claims	Fee from below	Fee Paid
Independent Claims	-20** =	X	
Multiple Dependent	-3** =	X	

Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Description
1202 18	2202 9	Claims in excess of 20
1201 86	2201 43	Independent claims in excess of 3
1203 290	2203 145	Multiple dependent claim, if not paid
1204 86	2204 43	** Reissue independent claims over original patent
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$ ) 0

\*\*or number previously paid, if greater; For Reissues, see above

**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	Surcharge - late filing fee or oath	
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	1053 130	Non-English specification	
1812 2,520	1812 2,520	For filing a request for ex parte reexamination	
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	
1251 110	2251 55	Extension for reply within first month	
1252 420	2252 210	Extension for reply within second month	
1253 950	2253 475	Extension for reply within third month	
1254 1,480	2254 740	Extension for reply within fourth month	
1255 2,010	2255 1,005	Extension for reply within fifth month	
1401 330	2401 165	Notice of Appeal	
1402 330	2402 165	Filing a brief in support of an appeal	
1403 290	2403 145	Request for oral hearing	
1451 1,510	1451 1,510	Petition to institute a public use proceeding	
1452 110	2452 55	Petition to revive - unavoidable	
1453 1,330	2453 665	Petition to revive - unintentional	
1501 1,330	2501 665	Utility issue fee (or reissue)	
1502 480	2502 240	Design issue fee	
1503 640	2503 320	Plant issue fee	
1460 130	1460 130	Petitions to the Commissioner	
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)	
1806 180	1806 180	Submission of Information Disclosure Stmt	180.00
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	
1809 770	2809 385	Filing a submission after final rejection (37 CFR 1.129(a))	
1810 770	2810 385	For each additional invention to be examined (37 CFR 1.129(b))	
1801 770	2801 385	Request for Continued Examination (RCE)	
1802 900	1802 900	Request for expedited examination of a design application	

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ ) 180.00

**SUBMITTED BY**

(Complete if applicable)

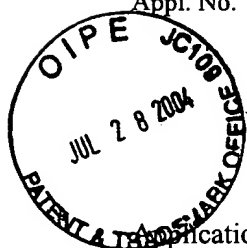
Name (Print/Type)	Jeffrey M. Weinick	Registration No. (Attorney/Agent)	36,304	Telephone	973-533-1616
Signature	<i>Jeffrey M. Weinick</i>	Date	July 26, 2004		

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**IN THE UNITED STATES  
PATENT AND TRADEMARK OFFICE**

Application No. : 09/705,675 Confirmation No.: 6271  
 Applicant : A. Buchsbaum, et al.  
 Filed : November 3, 2000  
 Group Art Unit : 2154  
 Examiner : J. Chang  
 Docket No. : 1999-0507-CIP-1  
  
 Title : METHOD FOR FAST NETWORK-AWARE CLUSTERING

Commissioner for Patents  
 PO Box 1450  
 Alexandria, Virginia 22313-1450.

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

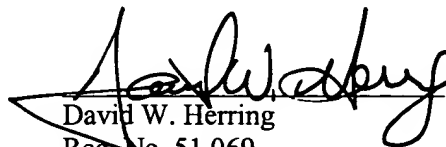
Sir:

Pursuant to 37 C.F.R. §1.56, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. One copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom. In accordance with 37 C.F.R. 1.97(h), the filing of this Information Disclosure Statement shall not be construed to be an admission that the information cited in the statement is, or is considered to be, material to patentability as defined in §1.56(b).

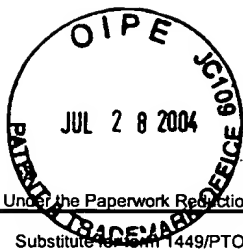
This Information Disclosure Statement is being filed before the mailing date of any of a final action under § 1.113, a notice of allowance under § 1.311, or an action that otherwise closes prosecution in the application, and is accompanied by the fee set forth in § 1.17(p). 37 C.F.R. §1.97(c)(2).

Respectfully submitted,

07/28/2004 SSESHE1 00000158 503126 09705675  
 01 FC:1806 180.00 DA

  
 David W. Herring  
 Reg. No. 51,069  
 Attorney for Applicant  
 Tel.: 973-533-1616

Date: July 26, 2004  
 AT&T Corp.  
 Room 2A-207  
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 Bedminster, NJ 07921



PTO/SB/08A (08-03)

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Substitute for Form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 2

**Complete if Known**

Application Number	09/705,675
Filing Date	November 3, 2000
First Named Inventor	A. Buchsbaum, et al.
Art Unit	2154
Examiner Name	J. Chang
Attorney Docket Number	1999-0507-CIP-1

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US- 2004/0090913 A1	05/13/2004	Scudder, et al.	
		US- 2004/0088571 A1	05/06/2004	Jerrim, et al.	
		US- 6,725,261 B1	04/20/2004	Novaes, et al.	
		US- 2004/0059830 A1	03/25/2004	Brown	
		US- 2003/0236793 A1	12/25/2003	Karlsson	
		US- 2003/0046343 A1	03/06/2003	Krishnamurthy et al.	
		US- 2002/0198961 A1	12/26/2002	Krishnamurthy et al.	
		US- 2002/0129086 A1	09/12/2002	Garcia-Luna-Aceves	
		US- 6,295,283 B1	09/25/2001	Falk	
		US- 6,078,954	06/20/2000	Lakey, et al.	
		US- 5,835,720	11/10/1998	Nelson, et al.	
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**FOREIGN PATENT DOCUMENTS**

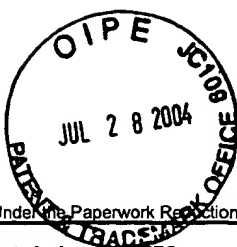
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				

Examiner  
SignatureDate  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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PTO/SB/08B (08-03)

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Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

**Complete if Known**

Application Number	09/705,675
Filing Date	November 3, 2000
First Named Inventor	A. Buchsbaum
Art Unit	2154
Examiner Name	J. Chang
Attorney Docket Number	1999-0507-CIP-1

Sheet 2 of 2

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		U.S. Patent Application No. 09/603,154, filed June 23, 2000	
		U.S. Patent Application No. 09/705,325, filed November 3, 2000	
		U.S. Patent Application No. 10/213,587, filed August 7, 2002	
		U.S. Patent Application No. 10/213,611, filed August 7, 2002	
		U.S. Patent Application No. 10/254,378, filed September 25, 2002	

Examiner Signature	Date Considered
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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